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NPIC/R-52/62
April 1962

PHOTOGRAPHIC INTERPRETATION REPORT

SEARCH FOR NUCLEAR TESTING IN AREAS OF SEISMIC EVENTS SINO-SOVIET BLOC (JUNE, AUGUST, SEPTEMBER 1961)



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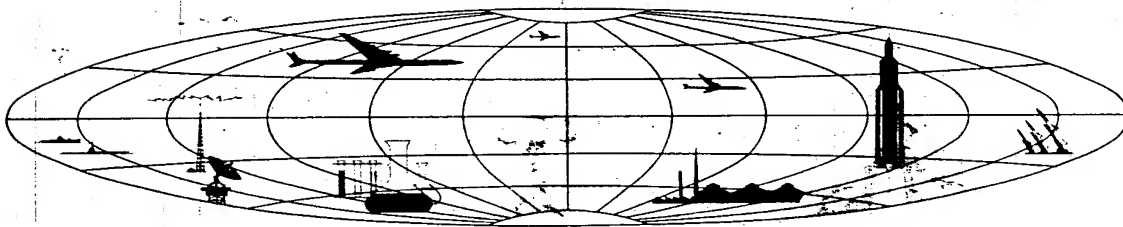
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**SEARCH FOR NUCLEAR TESTING IN AREAS OF SEISMIC EVENTS
SINO-SOVIET BLOC**

(June, August, September 1961)

This report presents the results of a search of available photography covering the areas of 18 unidentified seismic events in the periods 8-28 June, 30 August, and 11-13 September 1961 submitted with OSI Requirement R-175/61. The search was for any signs of preparations for, or effects of, any clandestine nuclear testing in the Sino-Soviet Bloc. No indications of nuclear testing were identified.

Where photography was available, an area having a radius of approximately 25 nautical miles from the coordinates of the epicenter of each event was searched. In several cases only part of the area was covered, and in some cases the area was partially or completely covered by clouds and/or haze. Photography dated more than 2 years prior to the dates of the events was not included in the search.

It should be kept in mind that characteristics of some of the photography (small scale, poor image, obliquity, partial coverage, weather conditions, etc.) considerably hindered the photographic search.

The following is the status of photographic coverage of the epicenters:

1. Epicenters with partial or complete photographic coverage	16
2. Epicenters without photographic coverage	2
Total	18

Table 1 is the list of seismic events in the order of occurrence, giving the location, photographic coverage available, and results of the photographic interpretation search.

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- 1 -

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Table 1. PHOTOGRAPHIC COVERAGE OF AREAS OF UNIDENTIFIED SEISMIC EVENTS
(8-28 June and 30 August-13 September 1961)

Date of Seismic Event	Location, Coordinates, WAC	Mission, Photo Date	Camera or Pass/Frames	Classification	Weather*	Remarks
8 Jun 61	China 32-36N 96-48E WACs 435, 436			TSC		Complete coverage. Nothing pertinent identified.
9 Jun 61	N of Hindu Kush 39-36N 74-24E WACs 335, 336			TSR		Complete coverage. Nothing pertinent identified.
10 Jun 61	Burma-China Border 29-48N 96-30E WAC 436			TSC TSC		60% coverage. Nothing pertinent identified. 80% coverage. Nothing pertinent identified.
11 Jun 61	Yunnan, China 25-06N 98-48E WAC 555					No photo coverage.
12 Jun 61	N Vietnam 21-42N 106-00E WAC 616			TSC TSC TSR		80% coverage. Nothing pertinent identified. Complete coverage. Nothing pertinent identified. Complete coverage. Nothing pertinent identified.
13 Jun 61	Kirgiz, SSR 40-42N 74-36E WACs 328, 329			TSR TSR TSR		Complete coverage. Nothing pertinent identified. Complete coverage. Nothing pertinent identified. Complete coverage. Nothing pertinent identified.
13 Jun 61	Burma-China Border 28-48N 96-36E WAC 436					No photo coverage.
21 Jun 61	Tadzhik, SSR 38-00N 70-48E WAC 336			TSR		Complete coverage. Nothing pertinent identified.

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Table 1 (Continued)

Date of Seismic Event	Location, Coordinates, WAC	Mission, Photo Date	Camera or Pass/Frames	Classification	Weather*	Remarks
22 Jun 61	Albania-Yugoslavia 42-48N 19-30E WACs 321, 322			TSR		50% coverage. Nothing pertinent identified.
26 Jun 61	Sinkiang-USSR Border 39-42N 73-54E WACs 335, 336			TSR		Complete coverage. Nothing pertinent identified.
27 Jun 61	Sinkiang 40-06N 78-00E WACs 335, 329			TSR		Complete coverage. Nothing pertinent identified.
				TSR		50% coverage. Nothing pertinent identified.
27 Jun 61	China 31-54N 105-06E WAC 384, 495			TSC		50% coverage. Nothing pertinent identified.
				TSR		Complete coverage. Nothing pertinent identified.
28 Jun 61	Yunnan, China 28-00N 100-00E WAC 438, 555			TSR		Complete coverage. Clouds obscure most of the area. Nothing pertinent identified.
28 Jun 61	Szechwan, China 32-00N 104-12E WAC 384, 495			TSC		40% coverage. Nothing pertinent identified.
				TSR		Complete coverage. Nothing pertinent identified.
30 Aug 61	China 40-00N 78-00E WAC 329, 335			TSR		Complete coverage. Nothing pertinent identified.
				TSR		50% coverage. Nothing pertinent identified.
11 Sep 61	Tibet 28-00N 89-00E WACs 438, 554			TSR		Complete coverage. Nothing pertinent identified.

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Table 1 (Continued)

Date of Seismic Event	Location, Coordinates, WAC	Mission, Photo Date	Camera or Pass/ Frames	Classification	Weather*	Remarks
11 Sep 61	Kamchatka 53-00N 159-00E WAC 194			TSR TSR		Complete coverage. Nothing pertinent identified. 40% coverage. Nothing pertinent identified.
13 Sep 61	Manchuria 46-00N 133-00E WAC 282			TSR TSR		Complete coverage. Clouds obscure most of area. Nothing pertinent identified. Complete coverage. Nothing pertinent identified.

* CL-Clear, HIC-Heavy Clouds, SC-Scattered Clouds, H-I-laze.

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